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**Serial Number:** 10/687,386

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# Inventor Information for 10/687386

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US 20050229425 A1	US-PGPUB	20051020	Ambulatory hairdryer	34/283	34/99	Kroll, Mollie B. et al.
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US 5906633 A	USPAT	19990525	System for delivering rounded low pain therapeutic electrical waveforms to the heart	607/5	128/908; 607/63	Mouchawar; Gabriel et al.
US 5904705 A	USPAT	19990518	Automatic battery-maintaining implantable cardioverter defibrillator and method for use	607/5	607/29	Kroll; Mark W. et al.
US 5899923 A	USPAT	19990504	Automatic capacitor maintenance system for an implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5871510 A	USPAT	19990216	Method and apparatus for temporarily electrically forcing cardiac output as a backup for tachycardia patients	607/14		Kroll; Kai et al.
US 5871505 A	USPAT	19990216	Apparatus for generating biphasic waveforms in an implantable defibrillator	607/5		Adams; Theodore P. et al.
US 5861006 A	USPAT	19990119	System for selectively reforming an ICD	607/5		Kroll; Mark W.
US 5836973 A	USPAT	19981117	Staged energy concentration for an implantable biomedical device	607/5		Kroll; Mark W.
US 5833712 A	USPAT	19981110	Implantable defibrillator system for generating a biphasic waveform	607/7	607/5; 607/74	Kroll; Mark W. et al.
US 5830236 A	USPAT	19981103	System for delivering low pain therapeutic electrical waveforms to the heart	607/5		Mouchawar; Gabriel et al.
US 5827326 A	USPAT	19981027	Implantable cardioverter defibrillator having a smaller energy storage capacity	607/5		Kroll; Mark W. et al.
US 5814075 A	USPAT	19980929	Method and apparatus	607/5	607/34	Kroll; Mark

			for optimizing source allocation within an implantable cardioverter-defibrillator			W.
US 5782883 A	USPAT	19980721	Suboptimal output device to manage cardiac tachyarrhythmias	607/14		Kroll; Kai et al.
US 5772690 A	USPAT	19980630	System having a surrogate defibrillation electrode for testing implantable cardioverter-defibrillators during implant	607/7		Kroll; Mark W.
US 5772689 A	USPAT	19980630	Implantable cardioverter-defibrillator with apical shock delivery	607/4		Kroll; Mark W.
US 5761019 A	USPAT	19980602	Medical current limiter	361/58	128/908; 361/93.9	Kroll; Mark W.
US 5749910 A	USPAT	19980512	Shield for implantable cardioverter defibrillator	607/36		Brumwell; Dennis A. et al.
US 5741307 A	USPAT	19980421	Method for determining an ICD replacement time	607/5	607/29	Kroll; Mark W.
US 5741303 A	USPAT	19980421	Electrode back-charging pre-treatment system for an implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5738105 A	USPAT	19980414	Method and apparatus for sensing R-waves using both near field and far field sensing simultaneously	600/510	600/374; 600/515; 607/5	Kroll; Mark W.
US 5735878 A	USPAT	19980407	Implantable defibrillator having multiple pathways	607/5		Kroll; Mark W. et al.
US 5735876 A	USPAT	19980407	Electrical cardiac output forcing method and apparatus for an atrial defibrillator	607/5		Kroll; Kai et al.
US 5733309 A	USPAT	19980331	Method and apparatus for capacitive switching	607/5		Kroll; Mark W. et al.

			output for implantable cardioverter defibrillator			
US 5718718 A	USPAT	19980217	Method and apparatus for polarity reversal of consecutive defibrillation countershocks having back biasing precharge pulses	607/5		Kroll; Mark W. et al.
US 5713944 A	USPAT	19980203	Cardioversion-defibrillation catheter lead having selectively exposable outer conductors	607/122		Kroll; Mark W.
US 5709709 A	USPAT	19980120	ICD with rate-responsive pacing	607/4	607/122; 607/6; 607/8	Kroll; Mark W.
US 5697953 A	USPAT	19971216	Implantable cardioverter defibrillator having a smaller displacement volume	607/5		Kroll; Mark W. et al.
US 5690685 A	USPAT	19971125	Automatic battery-maintaining implantable cardioverter defibrillator and method for use	607/5	607/29; 607/34	Kroll; Mark W. et al.
US 5674248 A	USPAT	19971007	Staged energy concentration for an implantable biomedical device	607/5		Kroll; Mark W. et al.
US 5662696 A	USPAT	19970902	One piece disposable threshold test can electrode for use with an implantable cardioverter defibrillator system	607/116	607/36; 607/37; 607/8	Kroll; Mark W. et al.
US 5662534 A	USPAT	19970902	Golf ball finding system	473/353	473/372	Kroll; Braden W. et al.
US 5658319 A	USPAT	19970819	Implantable cardioverter defibrillator having a high voltage capacitor	607/7	607/5	Kroll; Mark W.
US 5649974 A	USPAT	19970722	Low profile defibrillation catheter	607/122	29/825	Nelson; Randall S. et al.
US 5645573 A	USPAT	19970708	Optimal pulse defibrillator	607/7		Kroll; Mark W. et al.
US 5645572 A	USPAT	19970708	Implantable cardioverter	607/5	128/901;	Kroll; Mark

			defibrillator with slew rate limiting		607/36	W. et al.
US 5643323 A	USPAT	19970701	System and method inducing fibrillation using an implantable defibrillator	607/2		Kroll; Mark W. et al.
US 5620469 A	USPAT	19970415	Stepped cardioversion system for an implantable cardioverter defibrillator	607/7	607/5	Kroll; Mark W.
US 5620464 A	USPAT	19970415	System and method for delivering multiple closely spaced defibrillation pulses	607/5		Kroll; Mark W. et al.
US 5607460 A	USPAT	19970304	Physician interface expert system for programming implantable arrhythmia treatment devices	607/30	607/59	Kroll; Mark W. et al.
US 5591210 A	USPAT	19970107	Implantable defibrillation system and method for producing only short pulse waveforms	607/5		Kroll; Mark W. et al.
US 5591209 A	USPAT	19970107	Implantable defibrillator system for generating an active biphasic waveform	607/5	607/74	Kroll; Mark W.
US 5549933 A	USPAT	19960827	Process for painting snow	434/84	106/160.1; 427/136; 427/137; 427/212; 427/256; 427/427.3; 427/427.4	Adams; Theodore P. et al.
US 5549643 A	USPAT	19960827	Optimal pulse defibrillator	607/7		Kroll; Mark W. et al.
US 5540721 A	USPAT	19960730	Process and apparatus for defibrillation system with a small capacitor	607/5	607/74	Kroll; Mark W.
US 5534015 A	USPAT	19960709	Method and apparatus for generating biphasic waveforms in an implantable defibrillator	607/7	607/5; 607/74	Kroll; Mark W. et al.
US 5531782 A	USPAT	19960702	Implantable medical electrode with reduced	607/122		Kroll; Mark W. et al.

			number of conductors			
US 5531770 A	USPAT	19960702	Device and method for determining defibrillation thresholds	607/8		Kroll; Mark W. et al.
US 5531766 A	USPAT	19960702	Implantable cardioverter defibrillator pulse generator kite-tail electrode system	607/5	607/36; 607/9	Kroll; Mark W. et al.
US 5531764 A	USPAT	19960702	Implantable defibrillator system and method having successive changeable defibrillation waveforms	607/5	607/15	Adams; Theodore P. et al.
US 5527346 A	USPAT	19960618	Implantable cardioverter defibrillator employing polymer thin film capacitors	607/5		Kroll; Mark W.
US 5522853 A	USPAT	19960604	Method and apparatus for progressive recruitment of cardiac fibrillation	607/5		Kroll; Mark W.
US 5514160 A	USPAT	19960507	Implantable defibrillator for producing a rectangular-shaped defibrillation waveform	607/5		Kroll; Mark W. et al.
US 5507781 A	USPAT	19960416	Implantable defibrillator system with capacitor switching circuitry	607/7	607/5; 607/74	Kroll; Mark W. et al.
US 5458620 A	USPAT	19951017	Cardiac arrhythmia detection using interdependent multiple parameter settings	607/5	128/925; 600/518	Adams; Theodore P. et al.
US 5454839 A	USPAT	19951003	Low profile defibrillation catheter	607/123		Anderson; Kenneth M. et al.
US 5449377 A	USPAT	19950912	Overcharged final countershock for an implantable cardioverter defibrillator and method	607/7		Adams; Theodore P. et al.
US 5447521 A	USPAT	19950905	Safety system for an implantable defibrillator	607/5	600/547; 607/37; 607/6	Anderson; Kenneth M. et al.
US 5441518 A	USPAT	19950815	Implantable cardioverter defibrillator system having independently	607/5		Adams; Theodore P. et al.

			controllable electrode discharge pathway			
US 5439482 A	USPAT	19950808	Prophylactic implantable cardioverter-defibrillator	607/5	607/36	Adams; Theodore P. et al.
US 5431687 A	USPAT	19950711	Impedance timed defibrillation system	607/8		Kroll; Mark W.
US 5431686 A	USPAT	19950711	Method for optimal pulse defibrillation using an implantable defibrillator	607/7	607/6	Kroll; Mark W. et al.
US 5411526 A	USPAT	19950502	Improved implantable defibrillator system for producing true-voltage-pulse waveforms	607/5		Kroll; Mark W. et al.
US 5407444 A	USPAT	19950418	Staged energy concentration for a defibrillator	607/5	320/103; 320/166	Kroll; Mark W.
US 5405363 A	USPAT	19950411	Implantable cardioverter defibrillator having a smaller displacement volume	607/5	607/36	Kroll; Mark W. et al.
US 5391186 A	USPAT	19950221	Method and apparatus for utilizing short tau capacitors in an implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5391185 A	USPAT	19950221	Atrial cardioverter with ventricular protection	607/4		Kroll; Mark W.
US 5383907 A	USPAT	19950124	System and method for delivering multiple closely spaced defibrillation pulses	607/5		Kroll; Mark W.
US 5376103 A	USPAT	19941227	Electrode system for implantable defibrillator	607/5		Anderson; Kenneth M. et al.
US 5366487 A	USPAT	19941122	Fibrillation and tachycardia detection	607/5	600/518	Adams; Theodore P. et al.
US 5366485 A	USPAT	19941122	Apparatus for defibrillation pretreatment of a heart	607/5		Kroll; Mark W. et al.
US 5366484 A	USPAT	19941122	Short-pulse cardioversion system for an implantable	607/5		Kroll; Mark W.

			cardioverter defibrillator			
US 5351687 A	USPAT	19941004	Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias	600/409		Kroll; Mark W. et al.
US 5342399 A	USPAT	19940830	Implantable defibrillator system having a small capacitance valve	607/5		Kroll; Mark W.
US 5336245 A	USPAT	19940809	Storage interrogation apparatus for cardiac data	607/32	128/904	Adams Theodore P. et al.
US 5334219 A	USPAT	19940802	Method and apparatus for separate-capacitor cardioversion	607/5		Kroll; Mark W.
US 5330509 A	USPAT	19940719	Method and apparatus for far-field tachycardia termination	607/14		Kroll; Mark W. et al.
US 5325870 A	USPAT	19940705	Multiplexed defibrillation electrode apparatus	607/122		Kroll; Mark W. et al.
US 5314448 A	USPAT	19940524	Process for defibrillation pretreatment of a heart	607/5		Kroll; Mark W. et al.
US 5312443 A	USPAT	19940517	Arrhythmia-detection criteria process for a cardioverter/defibrillator	607/5	128/925; 600/518	Adams; Theodore P. et al.
US 5306291 A	USPAT	19940426	Optimal energy steering for an implantable defibrillator	607/5		Kroll; Mark W. et al.
US 5300110 A	USPAT	19940405	Dirk-based epicardial defibrillation electrode	607/130		Latterell; Scott T. et al.
US 5265623 A	USPAT	19931130	Optimized field defibrillation catheter	607/122		Kroll; Mark W. et al.
US 5258906 A	USPAT	19931102	System for remotely authorizing operation of a device and for automatically generating an invoice based on device usage	705/2	379/106.02; 379/93.12; 705/34	Kroll; Mark W. et al.
US 5257634 A	USPAT	19931102	Low impedance defibrillation catheter electrode	607/122	607/128	Kroll; Mark W.
US 5241960 A	USPAT	19930907	Defibrillator pulse generator	607/5		Anderson; Kenneth M.

						et al.
US 5199429 A	USPAT	19930406	Implantable defibrillator system employing capacitor switching networks	607/5		Kroll; Mark W. et al.
US 5188116 A	USPAT	19930223	Electrocardiographic method and device	600/509	600/516; 600/517	Pommrehn; Mark R. et al.
US 5117834 A	USPAT	19920602	Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias	600/518		Kroll; Mark W. et al.
US 4956877 A	USPAT	19900911	Optical fiber reflective signal modulation system	398/170	398/141; 398/168; 398/169	Kroll; Mark W. et al.
US 4947859 A	USPAT	19900814	Bio-acoustic signal sensing device	600/528	381/355; 381/364; 600/586	Brewer; James E. et al.
US 4890630 A	USPAT	19900102	Bio-electric noise cancellation system	600/508	128/902; 128/905	Kroll; Mark W. et al.
US 4879760 A	USPAT	19891107	Optical fiber transmissive signal modulation system	398/168	340/870.29	Kroll; Mark W. et al.
US 4832608 A	USPAT	19890523	Electrode belt adapter	439/67	439/465; 600/390; 600/394	Kroll; Mark W.
US 4811156 A	USPAT	19890307	Medical current limiter	361/58	361/101; 600/509	Kroll; Mark W.
US 4775018 A	USPAT	19881004	Load cell assembly	177/134	177/211	Kroll; William P. et al.
US 4769760 A	USPAT	19880906	Terrain biased dynamic multiple threshold synchronization method and apparatus	702/79	324/76.39; 324/76.44; 327/41; 340/825.2; 375/317; 375/371; 600/525	Kroll; Mark W. et al.
US 4763660 A	USPAT	19880816	Flexible and disposable electrode belt device	600/391	439/77; 600/397; 607/149; 607/152	Kroll; Mark W. et al.
US 4744369 A	USPAT	19880517	Medical current limiting circuit	600/509	128/908; 323/312; 323/908;	Kroll; Mark W.



					327/313; 361/18; 361/58	
US 4714121 A	USPAT	19871222	Wheel scale assembly	177/134	177/164; 177/255	Kroll; William P. et al.
US 4672977 A	USPAT	19870616	Lung sound cancellation method and apparatus	600/528	600/390; 600/586	Kroll; Mark W.
US 4672976 A	USPAT	19870616	Heart sound sensor	600/528	381/364; 381/385; 600/586	Kroll; Mark W.